

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



PCT

(43) International Publication Date
12 July 2007 (12.07.2007)

(10) International Publication Number
WO 2007/076628 A1

(51) International Patent Classification:
G06F 1/30 (2006.01) **H02J 9/06** (2006.01)

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(21) International Application Number:
PCT/CN2005/002402

(22) International Filing Date:
30 December 2005 (30.12.2005)

(25) Filing Language: English

(26) Publication Language: English

(71) Applicant (for all designated States except US): **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **LI, Shumin** [CN/CN]; 504, NO. 138 Rushan Road, Pudong District, Shanghai 200000 (CN). **WU, Changying** [CN/CN]; NO. 1757 Nong, Xie Tu Road, Shanghai 200000 (CN). **GOH, Teck, Joo** [MY/MY]; 26 Jalan Lembah, Taman Tasek, Johor Bahru, Johor 80200 (MY).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.



WO 2007/076628 A1

(54) Title: INTEGRATED UNINTERRUPTED POWER SUPPLY UNIT

(57) Abstract: A system may provide integrated uninterrupted power supply for computer systems. The system comprise a first unit that outputs an AC input voltage, and produces an AC output voltage from a battery voltage in response to the AC input voltage being absent; and a second unit that produces a DC output voltage from the AC input voltage, and produces the DC output voltage from the battery voltage in response to the AC input voltage being absent.